

## H4C81S HPE FlexNetwork Fundamentals (00870186)

---

### Course Summary

#### Description

HP FlexNetwork Fundamentals introduces network technicians to the basic features of modern networks such as VLAN's, redundancy technologies such as MSTP, link aggregation technologies like LACP, static and dynamic IP routing with OSPF, standalone Access Points (AP's), and network management with HP's Intelligent Management Center (IMC).

The course will cover a high level introduction to HP's Converged Infrastructure strategy and also network virtualization with HP's Intelligent Resilient Framework (IRF). This course is approximately 50 percent lecture and learning activities and 50 percent lab activities. The HP FlexNetwork Fundamentals course prepares candidates for the HP Accredited Technical Professional (ATP) - FlexNetwork Solutions V2 certification within the HP ExpertOne program.

#### Topics

- Explain HP's FlexNetwork Architecture
- Perform basic configuration, access security and switch setup on HP switches
- Configure Layer 2 technologies such as STP,
- Link Aggregation and Configure basic IP Routing with static and dynamic routing (OSPF)
- Configure HP Networking's network virtualization technology IRF
- Provide mobility solutions with the MSM wireless Access Points
- Manage and monitor Networks with HP IMC network management Software
- Explain HP's Converged Infrastructure strategy, including Virtual Connect (VC)

#### Audience

This course is designed for:

- IT Professionals who deploy small to medium enterprise network solutions based on HP products and technologies
- HP Reseller Systems Engineers
- Customer IT Staff
- HP Services Field Engineers
- Call Center Support Engineers

#### Prerequisites

Before taking this course, you should have taken the following courses:

- Getting Started with HP Switching and Routing, Rev 13.31 (course ID 00731204)
- Getting Started with HP Wireless, Rev 13.31 (course ID 00731293)

#### Duration

Three days